

MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2009 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

List PWS ID #s for all Water Systems Covered by this CCR

The Federal Safe Drinking Water Act requires each community public water system to develop and distribute a consumer

| confide must b | ence report (CCI) e mailed to the c | C) to its customers each year. Depending on the population served by the public water system, this CCF ustomers, published in a newspaper of local circulation, or provided to the customers upon request. |
|--------------------|-------------------------------------|---|
| Please | Answer the Fol | lowing Questions Regarding the Consumer Confidence Report |
| 4 | Customers wer | e informed of availability of CCR by: (Attach copy of publication, water bill or other) |
| | | Advertisement in local paper On water bills Other |
| | Date custome | ers were informed: 6 A5/10 |
| | CCR was dis | tributed by mail or other direct delivery. Specify other direct delivery methods: |
| | Date Mailed/D | istributed: / / |
| X | CCR was publi | shed in local newspaper. (Attach copy of published CCR or proof of publication) |
| | Name of News | paper: The Greenwood Commonwealth |
| | | : 6 /3D/1D |
| | CCR was poste | ed in public places. (Attach list of locations) |
| | Date Posted: | <u>/_/</u> |
| ! | CCR was poste | d on a publicly accessible internet site at the address: www |
| CERT | <u>IFICATION</u> | |
| the for consist | m and manner is ent with the wa | consumer confidence report (CCR) has been distributed to the customers of this public water system in dentified above. I further certify that the information included in this CCR is true and correct and is ter quality monitoring data provided to the public water system officials by the Mississippi State Bureau of Public Water Supply. |
| | | Mayor, Owner, etc.) 6/29/10 Date |
| | Mail C | ompleted Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518 |

East Leflore Water & Sewer Consumer Confidence Report

Is my water safe?

Last year, as in years past, your tap water met all U.S. Environmental Protection Agency (EPA) and state drinking water health standards. Local Water vigilantly safeguards its water supplies and once again we are proud to report that our system has not violated a maximum contaminant level or any other water quality standard.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).

Where does my water come from?

We're pleased to provide you with this year's Annual Water Quality Report. We want to keep you informed about the excellent water and services we have delivered to you over the past year. Our goal is and always has been to provide you a safe and dependable supply of drinking water. Our water source is three wells that draw from the Meridian-Upper Wilcox Aquifer

Source water assessment and its availability

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided immediately below. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. We are pleased to report that our drinking water meets all federal and state requirements.

Why are there contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791).

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity: microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses; organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems: and radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

How can I get involved?

If you have any questions about this report or concerning your water utility, please contact Charles Brooks at (662) 453-8860. We want our valued customers to be informed about their water utility. If you want to learn more, please join us for our monthly meetings the first Thursday of each month at our office at 100 Meadowbrook Road. Meetings begin at 4:30 p.m. This water system routinely monitors for constituents in your drinking water according to federal and state laws. The table below shows the results of our monitoring period from January 1 to December 31, 2009. As your water travels over land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents doesn't necessarily pose a health risk.

Conservation Tips

Did you know that the average U.S. household uses approximately 400 gallons of water per day or 100 gallons per person per day? Luckily, there are many low-cost and no-cost ways to conserve water. Small changes can make a big difference – try one today and soon it will become second nature.

- Take short showers a 5 minute shower uses 4 to 5 gallons of water compared to up to 50 gallons for a bath.
- Shut off water while brushing your teeth, washing your hair and shaving and save up to 500 gallons a month.
- Use a water-efficient showerhead. They're inexpensive, easy to install, and can save you up to 750 gallons a month.
- Run your clothes washer and dishwasher only when they are full. You can save up to 1,000 gallons a month.
- Water plants only when necessary.
- Fix leaky toilets and faucets. Faucet washers are inexpensive and take only a few minutes to replace. To check your toilet for a leak, place a few drops of food coloring in the tank and wait. If it seeps into the toilet bowl without flushing, you have a leak. Fixing it or replacing it with a new, more efficient model can save up to 1,000 gallons a month.
- Adjust sprinklers so only your lawn is watered. Apply water only as fast as the soil can absorb it and during the cooler parts of the day to reduce evaporation.
- Teach your kids about water conservation to ensure a future generation that uses water wisely. Make it a family effort to reduce next month's water bill!
- Visit <u>www.epa.gov/watersense</u> for more information.

Source Water Protection Tips

Protection of drinking water is everyone's responsibility. You can help protect your community's drinking water source in several ways:

- Eliminate excess use of lawn and garden fertilizers and pesticides they contain hazardous chemicals that can reach your drinking water source.
- Pick up after your pets.
- If you have your own septic system, properly maintain your system to reduce leaching to water sources or consider connecting to a public water system.
- Dispose of chemicals properly; take used motor oil to a recycling center.
- Volunteer in your community. Find a watershed or wellhead protection organization in your community and volunteer to help. If there are no active groups, consider starting one. Use EPA's Adopt Your Watershed to locate groups in your community, or visit the Watershed Information Network's How to Start a Watershed Team.
- Organize a storm drain stenciling project with your local government or water supplier. Stencil a message next to the street drain reminding people "Dump No Waste Drains to River" or "Protect Your Water." Produce and distribute a flyer for households to remind residents that storm drains dump directly into your local water body.

Monitoring and reporting of compliance data violations

Our water system recently violated a drinking water standard. Even though this was not an emergency, as our customers, you have a right to know what happened, what you should do, and what we are doing to correct this situation.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards.

According to EPA CFR 141.21(a)(4), public water systems that are required to collect 6 or more routine bacteriological samples monthly may not collect all samples on the same day.

Our system collects 6 routine bacteriological samples per month. During January 2010 we collected all 6 samples in the same day and therefore cannot be sure of the quality of our drinking water during that time.

To correct this violation, East Leflore takes 4 samples on the first day and 2 on the next sampling day.

Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. East Leflore Water & Sewer is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

Water Quality Data Table

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

| | MCLG | MCL, | | | | | | | | |
|--|-------------|-------------|-----------|---------|-------------|-------------|------------------|---------------------------|--|--|
| | or | TT, or | Your | Ra | nge | Sample | | | | |
| Contaminants | MRDLG | <u>MRDL</u> | Water | Low | <u>High</u> | <u>Date</u> | <u>Violation</u> | Typical Source | | |
| Disinfectants & Disinfectant By-Products | | | | | | | | | | |
| (There is convincing | evidence th | at additic | n of a di | sinfect | ant is n | ecessary | for control o | f microbial contaminants) | | |

| Chlorine (as Cl2) (ppm) | 4 | 4 | 0.68 | 0.58 | 0.68 | 2009 | | No | Water additive used to control microbes |
|--|-------------|-----------|---------|--------------|--------------------|-----------|--------|-------|---|
| Inorganic Contamin | ants | | | | | | | | |
| Arsenic (ppb) | 0 | 10 | 3.684 | 3.612 | 3.684 | 2009 | | No | Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes |
| Barium (ppm) | 2 | 2 | 0.18459 | 0.179 409 | 0.184 9 | 5 2009 | No re | | Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits |
| Chromium (ppb) | 100 | 100 | 1.439 | 1.066 | 1.439 | 2009 | | No | Discharge from steel and pulp mills; Erosion of natural deposits |
| Fluoride (ppm) | 4 | 4 | 0.234 | 0.207 | 0.234 | 2009 | | No | Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories |
| Selenium (ppb) | 50 | 50 | 9.82 | 8.522 | 9.82 | 2009 | 2009 N | | Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines |
| | | | Your | Sam | ple | # Sampl | es | Excee | ds |
| <u>Contaminants</u> | MCLG | <u>AL</u> | Water | <u>Dat</u> | <u>te</u> <u>F</u> | Exceeding | AL | AL | Typical Source |
| Inorganic Contamin | ants | | | | | | | | |
| Lead - action level at consumer taps (ppb) | 0 | 15 | 3 | 200 |)4 | 0 | | No | Corrosion of household plumbing systems; Erosion of natural deposits |
| Copper - action level at consumer taps (ppm) | 1.3 | 1.3 | 0.4 | 200 |)4 | 0 | | No | Corrosion of household plumbing systems; Erosion of natural deposits |

| Term | Definition |
|------|--|
| ppm | ppm: parts per million, or milligrams per liter (mg/L) |
| ppb | ppb: parts per billion, or micrograms per liter (μg/L) |
| NA | NA: not applicable |
| ND | ND: Not detected |
| NR | NR: Monitoring not required, but recommended. |

| Term | Definition |
|------|--|
| | MCLG: Maximum Contaminant Level Goal: The level of a contaminant |
| MCLG | in drinking water below which there is no known or expected risk to |
| | health. MCLGs allow for a margin of safety. |
| | MCL: Maximum Contaminant Level: The highest level of a contaminant |
| MCL | that is allowed in drinking water. MCLs are set as close to the MCLGs as |
| | feasible using the best available treatment technology. |

| TT | TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water. |
|--------------------------|---|
| AL | AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow. |
| Variances and Exemptions | Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions. |
| MRDLG | MRDLG: Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants. |
| MRDL | MRDL: Maximum residual disinfectant level. The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants. |
| MNR | MNR: Monitored Not Regulated |
| MPL | MPL: State Assigned Maximum Permissible Level |

For more information please contact:

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Address:

P. O. Box 8166

Greenwood, MS 38935 Phone: (662)453-8860 Fax: (662)453-3423

| | PROOF OF PUBLICATION | |
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STATE OF MISSISSIPPI, CITY OF GREENWOOD, LEFLORE COUNTY

| Before me,, A Notary Public |
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East Leflore Water & Seyer Consumer Confidence Report

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